

BP 307P.PHARMACEUTICAL MICROBIOLOGY (Practical)

Practicals Syllabus:

4 Hours / Week

S. No.	PRACTICALS
1.	To demonstrate the B.O.D. incubator equipment and give the processing.
2.	To demonstrate the laminar flow equipment and give the processing.
3.	To demonstrate the aseptic hood equipment and give the processing.
4.	To demonstrate the autoclave equipment and give the processing.
5.	To demonstrate the hot air sterilizer equipment and give the processing.
6.	To demonstrate the deep freezer equipment and give the processing.
7.	To demonstrate the refrigerator equipment and give the processing.
8.	To demonstrate the microscopes equipment and give the processing.
9.	To study the Sterilization of glassware, preparation and sterilization of media.
10.	To study the Sub culturing of bacteria and fungus.
11.	To study the nutrient stabs and slants preparations.
12.	To study the different staining methods (Simple, Grams staining and acid- fast staining).
13.	To study the isolation of pure culture of micro-organisms by multiple streak plate technique and other techniques.
14.	To study the microbiological assay of antibiotics by cup plate method and other methods.
15.	To study the motility determination by Hanging drop method.
16.	To study the sterility testing of pharmaceuticals.
17.	To study the bacteriological analysis of water.
18.	To study the various biochemical test.